

**Flood Control Project Maintenance
Levee Inspections**

Fall 2015 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

NA0005	Overall LMA Rating	Total LMA Miles						
City of Sacramento	A	3.67						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.42			
Animal Control	0.01		0.01	0.27%				
Slope Stability	0.01		0.01	0.27%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	3.54%				
DWR UCIP Field Study					0.60	0.02		
<i>LMA Totals:</i>	0.15	0.00	0.15	4.08%	1.02	0.02	0.00	0.00

Unit No. 01 Sacramento River LB	Overall Unit Rating	Total Unit Miles						
NA0005	A	3.67						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.42			
Animal Control	0.01		0.01	0.27%				
Slope Stability	0.01		0.01	0.27%				
<i>Supplemental</i>								
2015 USACE Erosion Survey, DRAFT	0.13		0.13	3.54%				
DWR UCIP Field Study					0.60	0.02		
<i>Unit Totals:</i>	0.15	0.00	0.15	4.08%	1.02	0.02	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2015 Levee Inspection Results

City of Sacramento

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections
Unit Cover Sheet
Fall 2015 Levee Inspection Results
City of Sacramento**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	3.67
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	05/15/2015 - 05/15/2015		09/15/2015 - 09/15/2015	
DWR Inspector	Jai Lor		Jai Lor	
Accompanied By	Adam Strebel City of Sacramento		Adam Strebel City of Sacramento	
	Michael Gonsalves City of Sacramento		Michael Gonsalves City of Sacramento	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start		Rating **	A	Issue No.	20
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				o
					o
DWR ID	DWR_NA0005_01_s _ 2013_20				
Action/Comments					
Inspector Comments: City of Sacramento has copies of the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	22
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				o
					o
DWR ID	DWR_NA0005_01_s _ 2013_22				
Action/Comments					
Inspector Comments: City of Sacramento maintains a stockpile of Flood Fight response material.					

No Photos

LM Start		Rating **	A	Issue No.	23
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_NA0005_01_s _ 2013_23				
Action/Comments					
Inspector Comments: City of Sacramento has a written response plan and regular response training.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	827
LM End	0.06	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589864 °	38.589864
				-121.505128 °	-121.505128
DWR ID					

Action/Comments

Inspector Comments: FS_ID:19967
 DS_ID:21559
 EP_NO: 14527
 FS_HLM: 0.063
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Need to contact owner to determine condition of crossing and last inspection date.
 FIELD_STRUCT_DESC: 12-inch diameter pipeline under channel through levee, 44 feet below the crown. Southern Pacific Pipe Lines. (Permit No. 14527, Southern Pacific Pipelines, Inc.-1987).
 FS Date: 03/06/2013

LM Start	0.06	Rating **	M	Issue No.	827 (cont)
LM End	0.06	Issue Type +	En	Location *	N/A

Photo 1 of 3 : UCIP_FA_2015_1742.jpg



View of multiple markers indicating gas alignment.

Photo 2 of 3 : UCIP_FA_2015_1743.jpg



View of levee crown at crossing--sign visible on landward side near freeway underpass.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.06	Rating **	M	Issue No.	827 (cont)
LM End	0.06	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.589864 °	38.589864
				-121.505128 °	-121.505128
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:19967					
DS_ID:21559					
EP_NO: 14527					
FS_HLM: 0.063					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1744.jpg



Underground service alert (USA) markings indicate 12 inch crossing through levee.

LM Start	0.14	Rating **	M	Issue No.	828
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41414 DS_ID:24882 EP_NO: N/A FS_HLM: 0.14 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. No permit found during desk study review. FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966. FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_6329.jpg



View of alignment along levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.14	Rating **	M	Issue No.	828 (cont)
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588768 °	38.588768 °
				-121.504891 °	-121.504891 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41414 DS_ID:24882 EP_NO: N/A FS_HLM: 0.14 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status of crossing. No permit found during desk study review. FIELD_STRUCT_DESC: 42 inch water transmission main through levee at unknown depth. Crossing installed in 1966. FS Date: 03/06/2013					

Photo 2 of 3 : UCIP_FA_2015_6330.jpg



Underground Service Alert (USA) markings indicating 42 inch line through levee.

Photo 3 of 3 : UCIP_FA_2015_6331.jpg



View of levee crown and waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.14	Rating **	M	Issue No.	829
LM End	0.14	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588738 °	38.588738 °
				-121.504891 °	-121.504891 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41415					
DS_ID:24883					
EP_NO: N/A					
FS_HLM: 0.142					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 1 of 2 : UCIP_FA_2015_6332.jpg



Overview of levee crown looking downstream.

LM Start	0.14	Rating **	M	Issue No.	829 (cont)
LM End	0.14	Issue Type +	En	Location *	N/A

Photo 2 of 2 : UCIP_FA_2015_6339.jpg



Underground Service Alert (USA) markers visible on levee crown.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.15	Rating **	U	Issue No.	830
LM End	0.15	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40846					
DS_ID:24884					
EP_NO: N/A					
FS_HLM: 0.149					
Repair Type: Urgent					
Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_6334.jpg



Underground Service Alert (USA) markings of PG&E line through levee,
Photo 2 of 2.

LM Start	0.15	Rating **	U	Issue No.	830 (cont)
LM End	0.15	Issue Type +	En	Location *	N/A

Photo 2 of 3 : UCIP_FA_2015_6335.jpg



Underground Service Alert (USA) markings of PG&E line through levee,
Photo 1 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.15	Rating **	U	Issue No.	830 (cont)
LM End	0.15	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588636 °	38.588636 °
				-121.504860 °	-121.504860 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40846					
DS_ID:24884					
EP_NO: N/A					
FS_HLM: 0.149					
Repair Type: Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6336.jpg



View of levee crown and alignment of PG&E line visible by yellow paint markings.

LM Start	0.16	Rating **	M	Issue No.	831
LM End	0.16	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588500 °	38.588500 °
				-121.504856 °	-121.504856 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41416 DS_ID:24885 EP_NO: N/A FS_HLM: 0.158 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB). FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth. FS Date: 03/06/2013					

Photo 1 of 2 : UCIP_FA_2015_6337.jpg



Alignment of communication line through levee, Photo 2 of 2.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.16	Rating **	M	Issue No.	831 (cont)	
LM End	0.16	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.588500 °	38.588500 °	
				-121.504856 °	-121.504856 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41416						
DS_ID:24885						
EP_NO: N/A						
FS_HLM: 0.158						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: No markers visible as per Title 23. Recommend having utility owner coordinate with Central Valley Flood Protection Board (CVFPB).						
FIELD_STRUCT_DESC: ATT communication line through levee at unknown depth.						
FS Date: 03/06/2013						

Photo 2 of 2 : UCIP_FA_2015_6338.jpg



Alignment of communication line through levee, Photo 1 of 2.

LM Start	0.16	Rating **	M	Issue No.	832
LM End	0.16	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.588427 °	38.588427 °
				-121.504859 °	-121.504859 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38707					
DS_ID:24886					
EP_NO: N/A					
FS_HLM: 0.163					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: ATT communication line through levee.					
FS Date: 03/06/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.22	Rating **	M	Issue No.	833
LM End	0.22	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615 °
				-121.505034 °	-121.505034 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:40848
 DS_ID:24887
 EP_NO: N/A
 FS_HLM: 0.22
 Repair Type: Non-Urgent
 Crossing Status: Indicator Found
 UCIP Comments: Pump station appears non-functional. Owner will need to coordinate with DWR-Inspector and CVFPB to determine if crossing meets Title 23 requirements.
 FIELD_STRUCT_DESC: 12 inch connected to 10 inch pipe through levee at unknown depth.
 FS Date: 03/06/2013

LM Start	0.22	Rating **	M	Issue No.	833 (cont)
LM End	0.22	Issue Type +	En	Location *	N/A

Photo 1 of 3 : UCIP_FA_2015_6333.jpg



View of building and additional concrete structures located on levee crown at waterward side.

Photo 2 of 3 : UCIP_FA_2015_6340.jpg



View of levee crown at crossing.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.22	Rating **	M	Issue No.	833 (cont)
LM End	0.22	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.587615 °	38.587615
				-121.505034 °	-121.505034
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:40848					
DS_ID:24887					
EP_NO: N/A					
FS_HLM: 0.22					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_6341.jpg



Pipe through levee visible next to building located on levee.

LM Start	0.42	Rating **	M	Issue No.	834
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584794 °	38.584794 °
				-121.505548 °	-121.505548 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41247 DS_ID:24889 EP_NO: N/A FS_HLM: 0.41 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing exists. Approximate alignment provided by the City of Sacramento. Need to confirm alignment and status of crossing. FIELD_STRUCT_DESC: 10 inch pipe through levee. Record was obtained from Sacramento County approximate utility alignment. FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5926.jpg



Alignment provided by City of Sacramento of 10 inch line--not found during field inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	835
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584745 °	38.584745 °
				-121.505460 °	-121.505460 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38713					
DS_ID:24892					
EP_NO: N/A					
FS_HLM: 0.421					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: unknown					
FS Date: 03/06/2013					

No Photos

LM Start	0.42	Rating **	M	Issue No.	836
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584762 °	38.584762 °
				-121.505556 °	-121.505556 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20384 DS_ID:21561 EP_NO: N/A FS_HLM: 0.422 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway. FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_2044.jpg



View of landward side close to railroad museum.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	836 (cont)	
LM End	0.42	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584762 °	38.584762 °	
				-121.505556 °	-121.505556 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:20384 DS_ID:21561 EP_NO: N/A FS_HLM: 0.422 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Only manhole was visible; need to determine condition of crossing; Will need to follow up with the City of Sacramento. FIELD_STRUCT_DESC: 18-inch-diameter storm drain through the levee, 5 feet below the crown. Concrete surge box on the waterward side of the retaining wall. Concrete box spillway. FS Date: 03/06/2013						

Photo 2 of 3 : UCIP_FA_2015_2045.jpg



View of manhole located at the edge of waterward.

Photo 3 of 3 : UCIP_FA_2015_2046.jpg



View of levee crown downtown Sacramento--wide crown with railroad.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	837
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584739 °	38.584739
				-121.505483 °	-121.505483
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38712					
DS_ID:24891					
EP_NO: N/A					
FS_HLM: 0.421					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

No Photos

LM Start	0.42	Rating **	M	Issue No.	838
LM End	0.42	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.584767 °	38.584767 °
				-121.505700 °	-121.505700 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41417 DS_ID:24890 EP_NO: N/A FS_HLM: 0.424 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit. FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (Permit No. 881, 1942) FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_6342.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.42	Rating **	M	Issue No.	838 (cont)	
LM End	0.42	Issue Type +	En	Location *	N/A	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.584767 °	38.584767 °	
				-121.505700 °	-121.505700 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41417 DS_ID:24890 EP_NO: N/A FS_HLM: 0.424 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need additional information about crossing--depth of pipe, owner, status, and permit. FIELD_STRUCT_DESC: Submarine cable from the bed of the Sacramento River through and along the natural west levee of the river at a depth of 2 feet to a point in the town of Broderick, opposite a point approximately 434 feet downstream from the "I" Street Bridge, Sacramento. (Permit No. 881, 1942) FS Date: 03/06/2013						

Photo 2 of 3 : UCIP_FA_2015_6343.jpg



Manholes located along levee--waterward side.

Photo 3 of 3 : UCIP_FA_2015_6344.jpg



PacBell manhole located on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

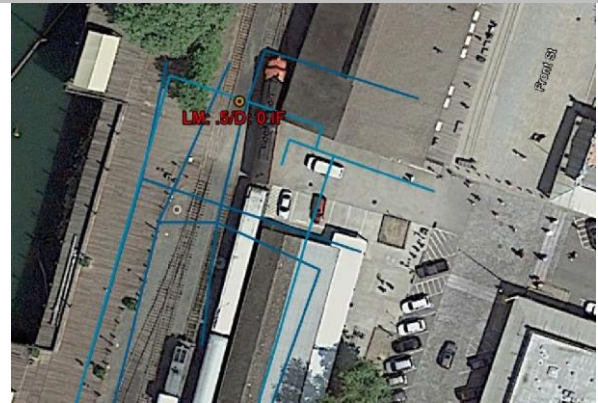
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.49	Rating **	M	Issue No.	839
LM End	0.49	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583853 °	38.583853 °
				-121.506061 °	-121.506061 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38715 DS_ID:24893 EP_NO: N/A FS_HLM: 0.491 Repair Type: Non-Urgent Crossing Status: Indicator Found					

No Photos

LM Start	0.50	Rating **	M	Issue No.	840
LM End	0.50	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.583693 °	38.583693 °
				-121.505909 °	-121.505909 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41418 DS_ID:24894 EP_NO: N/A FS_HLM: 0.5 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm status of crossing and alignment through levee. Unable to find permit during review. FIELD_STRUCT_DESC: 8 inch pipe through levee and along waterward side for about 800 feet. Crosses levee again at 38.581544, -121.506688. FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5927.jpg



Aproximate alignment provided by City of Sacramento -- unable to confirm if crossing is active.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

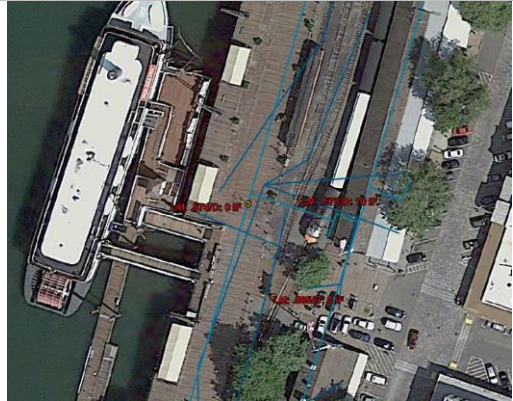
Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.57	Rating **	M	Issue No.	841
LM End	0.57	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582700 °	38.582700 °
				-121.506266 °	-121.506266 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41419 DS_ID:24895 EP_NO: N/A FS_HLM: 0.573 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to confirm if crossing is still present. No signs visible during site visit. No photos available. FIELD_STRUCT_DESC: 10 inch line through levee. Record found in Sacramento County GIS records. FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5928.jpg



Approximate alignment provided by the City of Sacramento--unable to confirm crossing in field.

LM Start	0.57	Rating **	M	Issue No.	842
LM End	0.57	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582689 °	38.582689 °
				-121.506419 °	-121.506419 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41260 DS_ID:24896 EP_NO: N/A FS_HLM: 0.574 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing. FIELD_STRUCT_DESC: Conduit group through floodwall. FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5929.jpg



Conduit through floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.58	Rating **	M	Issue No.	843
LM End	0.58	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582482 °	38.582482 °
				-121.506346 °	-121.506346 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41263					
DS_ID:24897					
EP_NO: N/A					
FS_HLM: 0.585					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner. Need to determine permit issued for crossing.					
FIELD_STRUCT_DESC: 8 -10 inch pipe through levee.					
FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5930.jpg



Pipe through floodwall.

LM Start	0.61	Rating **	M	Issue No.	844
LM End	0.61	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.582167 °	38.582167 °
				-121.506537 °	-121.506537 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41438					
DS_ID:24898					
EP_NO: N/A					
FS_HLM: 0.61					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Unable to determine if crossing is active--need to contact owner to determine status and additional details of crossing.					
FIELD_STRUCT_DESC: Sewer line through levee.					
FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5931.jpg



View of crossing visible from waterward side looking at floodwall.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.64	Rating **	M	Issue No.	845
LM End	0.64	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581695 °	38.581695 °
				-121.506635 °	-121.506635 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41420					
DS_ID:24899					
EP_NO: N/A					
FS_HLM: 0.642					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine permit issued for crossing.					
FIELD_STRUCT_DESC: Group of conduits. Start 38.58169451, -121.5066352 End 38.581555, -121.506688					
FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5932.jpg



View of conduits through floodwall visible from waterward side.

LM Start	0.67	Rating **	M	Issue No.	846
LM End	0.67	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581332 °	38.581332 °
				-121.506853 °	-121.506853 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41266 DS_ID:24900 EP_NO: N/A FS_HLM: 0.668 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to confirm if crossing goes through levee. Need to contact owner to determine alignment for crossing. FIELD_STRUCT_DESC: Fire hydrant visible on levee crown located in downtown Sacramento. FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5933.jpg



Fire hydrant visible on levee crown.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.68	Rating **	M	Issue No.	847
LM End	0.68	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581197 °	38.581197 °
				-121.506819 °	-121.506819 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38722					
DS_ID:24901					
EP_NO: N/A					
FS_HLM: 0.678					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: water line penetration					
FS Date: 03/06/2013					

No Photos

LM Start	0.68	Rating **	M	Issue No.	848
LM End	0.68	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.581131 °	38.581131 °
				-121.506819 °	-121.506819 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38723					
DS_ID:24902					
EP_NO: N/A					
FS_HLM: 0.682					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: line penetration					
FS Date: 03/06/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.71	Rating **	M	Issue No.	849
LM End	0.71	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580743 °	38.580743 °
				-121.506986 °	-121.506986 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38766 DS_ID:24903 EP_NO: N/A FS_HLM: 0.71 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status of crossing. FIELD_STRUCT_DESC: Crossing visible through floodwall visible on waterward side. FS Date: 03/06/2013					

No Photos

LM Start	0.73	Rating **	M	Issue No.	850
LM End	0.73	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580472 °	38.580472 °
				-121.507147 °	-121.507147 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38726 DS_ID:24904 EP_NO: N/A FS_HLM: 0.731 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: electrical conduit box FS Date: 03/06/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.73	Rating **	M	Issue No.	851
LM End	0.73	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413 °
				-121.507166 °	-121.507166 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41421 DS_ID:24905 EP_NO: N/A FS_HLM: 0.735 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status and permit number for crossing. FIELD_STRUCT_DESC: Corrugated metal drainage pipe through floodwall visible on waterward side. FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_5934.jpg



View of general area immediately downstream from crossing.

Photo 2 of 3 : UCIP_FA_2015_5935.jpg



Pipe visible on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.73	Rating **	M	Issue No.	851 (cont)
LM End	0.73	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.580413 °	38.580413
				-121.507166 °	-121.507166
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41421					
DS_ID:24905					
EP_NO: N/A					
FS_HLM: 0.735					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_5936.jpg



View of waterward side.

LM Start	0.79	Rating **	M	Issue No.	852
LM End	0.79	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579661 °	38.579661 °
				-121.507480 °	-121.507480 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38728					
DS_ID:24906					
EP_NO: N/A					
FS_HLM: 0.79					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 3 inch conduit					
FS Date: 03/06/2013					

No Photos

LM Start	0.79	Rating **	M	Issue No.	853
LM End	0.79	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579598 °	38.579598 °
				-121.507368 °	-121.507368 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38729					
DS_ID:24907					
EP_NO: N/A					
FS_HLM: 0.791					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: backflow line					
FS Date: 03/06/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.81	Rating **	M	Issue No.	854
LM End	0.81	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41422 DS_ID:24908 EP_NO: N/A FS_HLM: 0.812 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine status, purpose for lines, and permit number. FIELD_STRUCT_DESC: Cluster of conduits through floodwall visible from waterward side. FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_5937.jpg



View of landward side.

Photo 2 of 3 : UCIP_FA_2015_5947.jpg



Conduits through floodwayll.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	0.81	Rating **	M	Issue No.	854 (cont)
LM End	0.81	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.579353 °	38.579353 °
				-121.507560 °	-121.507560 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41422					
DS_ID:24908					
EP_NO: N/A					
FS_HLM: 0.812					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_5948.jpg



View of levee just downstream from crossings.

LM Start	1.16	Rating **	A/W	Issue No.	13
LM End	1.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.574780 °	38.568757 °
				-121.510191 °	-121.515930 °
DWR ID	DWR_NA0005_01_f_2012_13				
Action/Comments					
Trees / Woody Vegetation					

Photo 1 of 2 : FA_2015_NA0005_251_13_20150921_00024.jpg



Monitor trees and woody vegetation along the rivers edge looking downstream. Fall 2015.

LM Start	1.16	Rating **	A/W	Issue No.	13 (cont)
LM End	1.69	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA_2015_NA0005_251_13_20150914_00011.jpg



Monitor the trees and woody vegetation along the rivers edge. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.20	Rating **	M	Issue No.	825
LM End	1.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.574347 °	38.574347 °
				-121.510569 °	-121.510569 °
DWR ID	DWR_NA0005_01_s _ 2015_825				
Action/Comments					
Equipment					
Inspector Comments: There are two engines on the levee crown at this location.					

Photo 1 of 2 : FA_2015_NA0005_251_825_20150914_00017.jpg

View of the train on the landward side of the levee looking downstream.
Spring 2015.

LM Start	1.20	Rating **	M	Issue No.	825 (cont)
LM End	1.20	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA_2015_NA0005_251_825_20150921_00025.jpg

View of the train on the landward side of the levee looking downstream.
Fall 2015.

LM Start	1.24	Rating **	M	Issue No.	855
LM End	1.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41425					
DS_ID:21565					
EP_NO: 5140					
FS_HLM: 1.233					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 1 of 3 : UCIP_FA_2015_1810.jpg



Metal plate used to cap off pipe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.24	Rating **	M	Issue No.	855 (cont)
LM End	1.24	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.573901 °	38.573901 °
				-121.511025 °	-121.511025 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:41425

DS_ID:21565

EP_NO: 5140

FS_HLM: 1.233

Repair Type: Non-Urgent

Crossing Status: Indicator Found

UCIP Comments: Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active?

FIELD_STRUCT_DESC: 30-inch diameter condensing water pipe sleeved through 40-inch diameter pipe 5 feet below the crown, annular space grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterward end. A 1.5 foot thick by 8 foot high by 8 foot wide reinforced concrete headwall supported on a 2 foot thick by 5.5 foot wide by 12 foot long concrete footing. An 8 foot high by 64 foot wide apron constructed around the waterward end of the pipe at the waterward shoulder of the levee. (Permit No. 5140, State of California-Department of General Services-1967) 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (Permit No. 5745-1967)

FS Date: 03/06/2013

Photo 2 of 3 : UCIP_FA_2015_1811.jpg



Headwall with 1 crossing capped off.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.24	Rating **	M	Issue No.	855 (cont)	
LM End	1.24	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.573901 °	38.573901 °	
				-121.511025 °	-121.511025 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41425 DS_ID:21565 EP_NO: 5140 FS_HLM: 1.233 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to determine more details pertaining to crossing, coordinate with City of Sacramento. Is crossing active? FIELD_STRUCT_DESC: 30-inch diameter condensing water pipe sleeved through 40-inch diameter pipe 5 feet below the crown, annular space grouted. Anchor blocks on both ends, concrete pipes under pads over pipe under railroad. Cap on the waterward end. A 1.5 foot thick by 8 foot high by 8 foot wide reinforced concrete headwall supported on a 2 foot thick by 5.5 foot wide by 12 foot long concrete footing. An 8 foot high by 64 foot wide apron constructed around the waterward end of the pipe at the waterward shoulder of the levee. (Permit No. 5140, State of California-Department of General Services-1967) 18-inch temporary diameter welded steel pipe sleeved through existing 30 inch used to convey water from construction site. (Permit No. 5745-1967) FS Date: 03/06/2013						

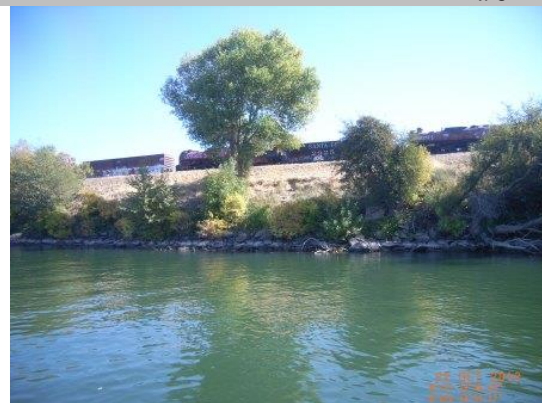
Photo 3 of 3 : UCIP_FA_2015_1876.jpg



View of railroad and bike path located on levee crown--wide levee.

LM Start	1.31	Rating **	M	Issue No.	1
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID					
Action/Comments					
Inspector Comments: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream. 2015: No observed changes. [2015 Site ID: SAC_58-5_L]					

Photo 1 of 2 : USACE2013A_SAC_58-5_L_5.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

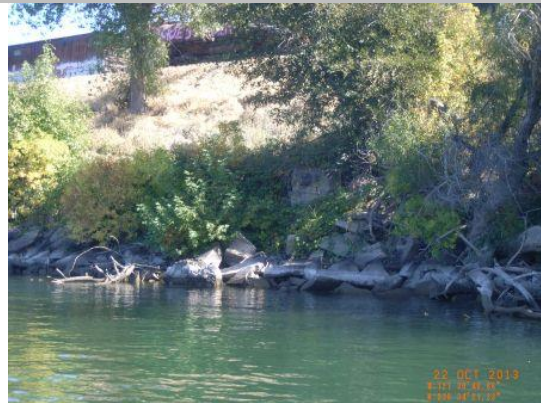
Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.31	Rating **	M	Issue No.	1 (cont)
LM End	1.39	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.573169 °	38.572277 °
				-121.511998 °	-121.513063 °
DWR ID					
Action/Comments					
Inspector Comments: 2008 - Oversized levee, should be repaired under maintenance. 2009 - Shallow slumps at the mid bank. 2010 - Some minor erosion at the toe, likely from wave wash. Some new shallow slumps. 2011 - One new tree has fallen. 2013 - Erosion continues on the slope surface, site extended upstream. 2015: No observed changes. [2015 Site ID: SAC_58-5_L]					

Photo 2 of 2 : USACE2013A_SAC_58-5_L_6.jpg



USACE 2013 Photo #2

LM Start	1.40	Rating **	A/W	Issue No.	5
LM End	1.40	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.572008 °	38.572008 °
				-121.513017 °	-121.513017 °
DWR ID	DWR_NA0005_01_s_2012_5				
Action/Comments					
Pipe					

Photo 1 of 2 : FA_2015_NA0005_251_5_20150921_00026.jpg



An updated picture of the positive closure for the pipe. Fall 2015.

LM Start	1.40	Rating **	A/W	Issue No.	5 (cont)
LM End	1.40	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA_2015_NA0005_251_5_20150914_00001.jpg



The screw gate is the positive closure for the pipe. Fall 2011

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.41	Rating **	M	Issue No.	856
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572019 °	38.572019 °
				-121.513082 °	-121.513082 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20105					
DS_ID:21580					
EP_NO: N/A					
FS_HLM: 1.409					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	1.41	Rating **	M	Issue No.	856 (cont)
LM End	1.41	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_1803.jpg



View of pipe and gate valve located on waterward slope.

Photo 2 of 2 : UCIP_FA_2015_1804.jpg



View of landward side where crossing should be running through.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.41	Rating **	U	Issue No.	857
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.572018 °	38.572018 °
				-121.513081 °	-121.513081 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:42848					
DS_ID:21969					
EP_NO: N/A					
FS_HLM: 1.411					
Repair Type: Urgent					
Crossing Status: Found					

LM Start	1.41	Rating **	U	Issue No.	857 (cont)
LM End	1.41	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2015_1805.jpg



View of 6 inch pipe and shut-off valve located on waterward slope.

Photo 2 of 2 : UCIP_FA_2015_1806.jpg



View of landward side--tall grass along slope limit inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

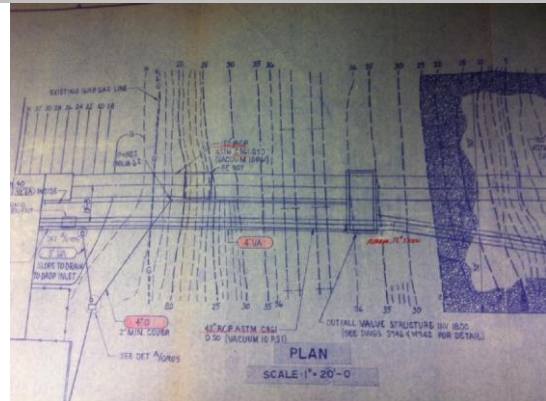
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.41	Rating **	M	Issue No.	858
LM End	1.41	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571976 °	38.571976 °
				-121.513060 °	-121.513060 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20123 DS_ID:21968 EP_NO: N/A FS_HLM: 1.41 Repair Type: Non-Urgent Crossing Status: Not Found					

No Photos

LM Start	1.43	Rating **	M	Issue No.	859
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:20087 DS_ID:22483 EP_NO: 12196 FS_HLM: 1.43 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. FIELD_STRUCT_DESC: 1 or 2: 42-inch RCP wash water intake pipe through levee at approximately 10 feet below crown. Line extends approximately 145 feet waterward from the reservoir to the outfall structure at the waterward shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure with screen. Waterward slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. (Permit No. 12196, Sacramento Regional County Sanitation District-1981). Permit 16611 was issued in 1996 to reline the inside of the pipe. FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_1988.jpg



DWG showing 42-inch and 120-inch pipes through levee and connection to outfall valve structure.

* Location LS : Land Side WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
N/A : Not Applicable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.43	Rating **	M	Issue No.	859 (cont)
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:20087 DS_ID:22483 EP_NO: 12196 FS_HLM: 1.43 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection. FIELD_STRUCT_DESC: 1 or 2: 42-inch RCP wash water intake pipe through levee at approximately 10 feet below crown. Line extends approximately 145 feet waterward from the reservoir to the outfall structure at the waterward shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure with screen. Waterward slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. (Permit No. 12196, Sacramento Regional County Sanitation District-1981). Permit 16611 was issued in 1996 to reline the inside of the pipe. FS Date: 03/06/2013					

Photo 2 of 3 : UCIP_FA_2015_2026.jpg



Walkway present on waterward shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.43	Rating **	M	Issue No.	859 (cont)
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571790 °	38.571790 °
				-121.513323 °	-121.513323 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:20087

DS_ID:22483

EP_NO: 12196

FS_HLM: 1.43

Repair Type: Non-Urgent

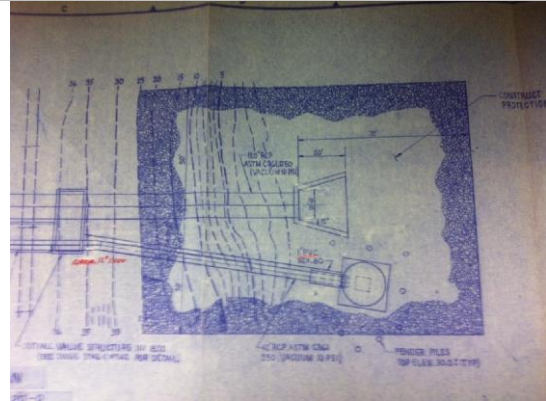
Crossing Status: Found

UCIP Comments: Vault located on levee crown (bike path) and siphon breaker located on waterward shoulder. Coordinate with City of Sacramento to determine the condition of this crossing and last inspection.

FIELD_STRUCT_DESC: 1 or 2: 42-inch RCP wash water intake pipe through levee at approximately 10 feet below crown. Line extends approximately 145 feet waterward from the reservoir to the outfall structure at the waterward shoulder of the levee. Pipe is skewed approximately 12 degrees upstream. Water Intake structure with screen. Waterward slope is armored by rock slope protection. Rock slope protection perimeter exists at river intake. (Permit No. 12196, Sacramento Regional County Sanitation District-1981). Permit 16611 was issued in 1996 to reline the inside of the pipe.

FS Date: 03/06/2013

Photo 3 of 3 : UCIP_FA_2015_2027.jpg



Rip rap protection around outfall structure for 42-inch and 120-inch pipes.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.43	Rating **	M	Issue No.	860
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41280 DS_ID:21569 EP_NO: 12196 FS_HLM: 1.432 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Check with City of Sacramento to determine last inspection and condition of crossing. Vegetation on waterward and landward slope makes it difficult to inspect and identify any potential leaks visible from surface. FIELD_STRUCT_DESC: 2 of 2: 120-inch RCP outfall pipe extends approximately 117 feet waterward from the reservoir to a reinforced concrete outfall valve structure located in the levee crown. Waterward slope is armored by rock slope protection. Rock slope protection perimeter exists at outlet. (Permit No. 12196, Sacramento Regional County Sanitation District-1977). (Permit No. 12196, Sacramento Regional Sanitation District-1981). FS Date: 03/06/2013					

Photo 1 of 3 : UCIP_FA_2015_2034.jpg



Tall grass along pipe alignment--limited inspection.

Photo 2 of 3 : UCIP_FA_2015_2035.jpg



View of waterward side--outlet submerged.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.43	Rating **	M	Issue No.	860 (cont)
LM End	1.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.571776 °	38.571776 °
				-121.513364 °	-121.513364 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41280					
DS_ID:21569					
EP_NO: 12196					
FS_HLM: 1.432					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_2036.jpg



View of levee crown--outlet valve structure located along bike path and siphon breaker on waterward shoulder.

LM Start	1.59	Rating **	M	Issue No.	861
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570116 °	38.570116 °
				-121.515352 °	-121.515352 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38733 DS_ID:21610 EP_NO: 6627 FS_HLM: 1.59 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 34-inch steel discharge pipe through levee approximately 3 feet below crown. (Permit No. 6627, C. K. Moseman Construction Co.) FS Date: 03/06/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.59	Rating **	M	Issue No.	862
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:32883
 DS_ID:21558
 EP_NO: 2371
 FS_HLM: 1.594
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: Need to coordinate with PG&E to clarify all appurtenances associated with crossing. Need maintenance records for this crossing (last inspection).
 FIELD_STRUCT_DESC: 12-inch pipe through the levee, 5.0 feet below the crown. Gas pipeline sign on the waterward slope and rectangular concrete box on the waterward berm. (Permit No. 2371-PG&E, 1959).
 FS Date: 03/06/2013

LM Start	1.59	Rating **	M	Issue No.	862 (cont)
LM End	1.59	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_1241.jpg



View of levee crown (trail) near waterward shoulder edge.

Photo 2 of 3 : UCIP_FA_2015_1242.jpg



View of waterward slope--tall grass limits inspection.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.59	Rating **	M	Issue No.	862 (cont)
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:32883					
DS_ID:21558					
EP_NO: 2371					
FS_HLM: 1.594					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_1243.jpg



PG&E warning gas line crossing--waterward side view.

LM Start	1.59	Rating **	M	Issue No.	863
LM End	1.59	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.570075 °	38.570075 °
				-121.515402 °	-121.515402 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41288					
DS_ID:24909					
EP_NO: N/A					
FS_HLM: 1.594					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine status.					
FIELD_STRUCT_DESC: Gasline through levee.					
FS Date: 03/06/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.61	Rating **	M	Issue No.	864
LM End	1.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41442 DS_ID:21617 EP_NO: 14732 FS_HLM: 1.614 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to obtain maintenance records for pipe line-- Inspector was able to obtain inspection status from PG&E. FIELD_STRUCT_DESC: 24 inch diameter natural gas pipeline under the levee and channel at a depth of 25 feet minimum. (Permit No. 14732, PG&E-1988) FS Date: 03/07/2013					

Photo 1 of 3 : UCIP_FA_2015_4638.jpg



View of stand pipes located on landward side.

Photo 2 of 3 : UCIP_FA_2015_4639.jpg



View of crossing approximately 110 feet downstream--large sign located on waterward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.61	Rating **	M	Issue No.	864 (cont)
LM End	1.61	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.569806 °	38.569806 °
				-121.515546 °	-121.515546 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41442					
DS_ID:21617					
EP_NO: 14732					
FS_HLM: 1.614					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_4640.jpg



View of crossing approximately 110 feet downstream--stand pipes located on landward shoulder.

LM Start	1.70	Rating **	M	Issue No.	865
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568544 °	38.568544 °
				-121.515993 °	-121.515993 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41444 DS_ID:21615 EP_NO: 17185 FS_HLM: 1.703 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Some buildings, structures, and equipment remain -- monitoring wells still present within acre footprint. Need to contact owner to determine status of monitoring site. FIELD_STRUCT_DESC: Removed oil tanks, holding racks, underground pipes, buildings and associated concrete slabs, footings, and foundations from the left bank of the Sacramento River. Demo site located on waterward berm from LM 1.68 (38.56893227, -121.5158786) to LM 1.74 (38.568074, -121.5160597). Demolition acceptance form signed November 2000. Exceptions or remaining features are present: 1. product piping and conduits through levee on the east side of site, abandoned in place, 2. existing electrical house located at the southeast corner of the property, 3. active conduits coming from existing electrical house and proceeding west approximately 30 feet, then south under Broadway to Tosco's active tanks located south of Broadway, and 4. 16 wooden piles 10 feet below ground surface in the middle of the site (former Tank #5009 area) FS Date: 03/07/2013					

Photo 1 of 1 : UCIP_FA_2015_4265.jpg



Concrete structure still remain in lot on waterward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.70	Rating **	M	Issue No.	866
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:41282 DS_ID:21604 EP_NO: 18009 FS_HLM: 1.708 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. FS Date: 03/07/2013					

Photo 1 of 3 : UCIP_FA_2015_4266.jpg



More vapor wells present on levee crown.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.70	Rating **	M	Issue No.	866 (cont)
LM End	1.70	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568491 °	38.568491 °
				-121.515977 °	-121.515977 °
DWR ID					

Action/Comments					
Inspector Comments: FS_ID:41282 DS_ID:21604 EP_NO: 18009 FS_HLM: 1.708 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. FS Date: 03/07/2013					

Photo 2 of 3 : UCIP_FA_2015_4267.jpg



Several vapor wells present inside fenced area.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.70	Rating **	M	Issue No.	866 (cont)	
LM End	1.70	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.568491 °	38.568491 °	
				-121.515977 °	-121.515977 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41282 DS_ID:21604 EP_NO: 18009 FS_HLM: 1.708 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Project has reached 5 years is this project still in use? Permit issued for abandonment of treatment? Assumed installation date of 7/1/2005 per inspector's notes indicating work was completed in the summer of 2005. FIELD_STRUCT_DESC: Ozone Injection and Soil Vapor Extraction Treatment System for Former Tosco Bulk Fuel Terminal #3493. To authorize and retain (for approximately 5 years) twenty-three 2 to 4-inch-diameter extraction wells and thirty-six 2-inch-diameter ozone wells; to excavate approximately 2,050 linear-feet of trench and install required PVC piping and electrical conduits from the wells to main and sub-compounds with necessary equipment to complete an ozone injection and soil vapor extraction treatment system on the overflow area of the left (east) bank levee of the Sacramento River. FS Date: 03/07/2013						

Photo 3 of 3 : UCIP_FA_2015_4268.jpg



Structures present inside lot--site of Ozone Injection and Soil Vapor Extration System for the former Tosco Bulk Fuel.

LM Start	1.74	Rating **	M	Issue No.	867
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.568026 °	38.568026 °
				-121.516070 °	-121.516070 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38735 DS_ID:24910 EP_NO: N/A FS_HLM: 1.74 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: FIELD_STRUCT_DESC: 3 inch gas main through the east levee of the Sacramento River approximately 3 feet below crown. (Permit No. 1419, 1949) FS Date: 03/06/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.74	Rating **	M	Issue No.	868
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981 °	38.567981 °
				-121.516077 °	-121.516077 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41427					
DS_ID:21575					
EP_NO: 9259					
FS_HLM: 1.744					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Backflow device next to fence area angled--unable to confirm if device is part of crossing appurtenances.					
FIELD_STRUCT_DESC: 12-inch cast iron water main pipe sleeved through a 20-inch steel casing 3.0 feet below the crown elevation.					
(Permit No. 9259, City of Sacramento-1974)					
FS Date: 03/07/2013					

LM Start	1.74	Rating **	M	Issue No.	868 (cont)
LM End	1.74	Issue Type +	En	Location *	WS

Photo 1 of 3 : UCIP_FA_2015_4142.jpg



Close up of positive closure device.

Photo 2 of 3 : UCIP_FA_2015_4143.jpg



Backflow prevention device on shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.74	Rating **	M	Issue No.	868 (cont)
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567981 °	38.567981 °
				-121.516077 °	-121.516077 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41427					
DS_ID:21575					
EP_NO: 9259					
FS_HLM: 1.744					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_4144.jpg



View of wide levee crown--old railroad tracks, former Tosco Bulk Fuel Terminal #3493, utility poles, and fire hydrant.

LM Start	1.74	Rating **	M	Issue No.	869
LM End	1.74	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567980 °	38.567980 °
				-121.516088 °	-121.516088 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38736					
DS_ID:24911					
EP_NO: N/A					
FS_HLM: 1.741					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 12 inch pipe through levee. Records provided by Sacramento County. Installed 1935.					
FS Date: 03/06/2013					

No Photos

LM Start	1.75	Rating **	C	Issue No.	144
LM End	1.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.567821 °	38.567821 °
				-121.516091 °	-121.516091 °
DWR ID	DWR_NA0005_01_s_2012_144				
Action/Comments					
Pipe					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.75	Rating **	M	Issue No.	870
LM End	1.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41452					
DS_ID:21598					
EP_NO: 8816					
FS_HLM: 1.752					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	1.75	Rating **	M	Issue No.	870 (cont)
LM End	1.75	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_FA_2015_4153.jpg



Pipe markers visible along chain link fence on waterward side.

Photo 2 of 3 : UCIP_FA_2015_4154.jpg



Dense burrow activity along landward slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.75	Rating **	M	Issue No.	870 (cont)
LM End	1.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567779 °	38.567779 °
				-121.516006 °	-121.516006 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41452					
DS_ID:21598					
EP_NO: 8816					
FS_HLM: 1.752					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_4155.jpg



View of crossings from levee shoulder.

LM Start	1.75	Rating **	M	Issue No.	871
LM End	1.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41448 DS_ID:22383 EP_NO: 8816 FS_HLM: 1.753 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 2 of 4: 10 inch line (premium) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 03/07/2013					

Photo 1 of 3 : UCIP_FA_2015_4145.jpg



Overview of 4-10 inch lines through levee--landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.75	Rating **	M	Issue No.	871 (cont)
LM End	1.75	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567772 °	38.567772 °
				-121.516006 °	-121.516006 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:41448
 DS_ID:22383
 EP_NO: 8816
 FS_HLM: 1.753
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.
 FIELD_STRUCT_DESC: 2 of 4: 10 inch line (premium) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974)
 FS Date: 03/07/2013

Photo 2 of 3 : UCIP_FA_2015_4146.jpg



View of levee crown looking upstream--rail road traffic signal box located on right side.

LM Start	1.75	Rating **	M	Issue No.	871 (cont)
LM End	1.75	Issue Type +	En	Location *	CR

Photo 3 of 3 : UCIP_FA_2015_4147.jpg



Dense vegetation and large burrow holes located on shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.76	Rating **	M	Issue No.	872
LM End	1.76	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41449					
DS_ID:22384					
EP_NO: 8816					
FS_HLM: 1.754					
Repair Type: Non-Urgent					
Crossing Status: Found					

LM Start	1.76	Rating **	M	Issue No.	872 (cont)
LM End	1.76	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_FA_2015_4148.jpg



Pipes protected by metal post fence--landward side.

Photo 2 of 3 : UCIP_FA_2015_4149.jpg



View of waterward side--markers visible along chain link fence.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.76	Rating **	M	Issue No.	872 (cont)
LM End	1.76	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567765 °	38.567765 °
				-121.516007 °	-121.516007 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41449					
DS_ID:22384					
EP_NO: 8816					
FS_HLM: 1.754					
Repair Type: Non-Urgent					
Crossing Status: Found					

Photo 3 of 3 : UCIP_FA_2015_4150.jpg



View of 4-10 inch pipes through levee located on landward side.

LM Start	1.76	Rating **	M	Issue No.	873
LM End	1.76	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567759 °	38.567759 °
				-121.516007 °	-121.516007 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41455 DS_ID:22385 EP_NO: 8816 FS_HLM: 1.755 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 10 inch line (diesel) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 03/07/2013					

Photo 1 of 2 : UCIP_FA_2015_4151.jpg



Dense burrow activity along levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.76	Rating **	M	Issue No.	873 (cont)
LM End	1.76	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567759 °	38.567759 °
				-121.516007 °	-121.516007 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41455 DS_ID:22385 EP_NO: 8816 FS_HLM: 1.755 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: *5th pipe present (mystery pipe) 38.567748966, -121.516011521 not listed in permit* High rodent on landward side. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) through the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 4 of 4: 10 inch line (diesel) encased in 16 inch casing approximately 4 feet below crown. Vent pipes installed at each end of the conductor pipe. (Permit No. 8816, Phillips Petroleum Company-1974) FS Date: 03/07/2013					

Photo 2 of 2 : UCIP_FA_2015_4152.jpg



View multiple crossings visible on landward side.

LM Start	1.77	Rating **	M	Issue No.	76
LM End	1.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.567575 °	38.567575
				-121.516025 °	-121.516025
DWR ID	DWR_NA0005_01_f_2015_76				
Action/Comments					
Repair the levee slope damaged by foot traffic and prevent access where possible.					

Photo 1 of 2 : FA_2015_NA0005_251_76_20150921_00029.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.77	Rating **	M	Issue No.	76 (cont)	
LM End	1.77	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.567575 °		38.567575
				-121.516025 °		-121.516025
DWR ID	DWR_NA0005_01_f _ 2015_76					
Action/Comments						
Repair the levee slope damaged by foot traffic and prevent access where possible.						

Photo 2 of 2 : FA_2015_NA0005_251_76_20150921_00030.jpg



A close-up view of the slope stability. Fall 2015.

LM Start	1.78	Rating **	M	Issue No.	874
LM End	1.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41457					
DS_ID:21576					
EP_NO: 4914					
FS_HLM: 1.79					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need records confirming crossing is free of leaks.					
FIELD_STRUCT_DESC: 8-inch pipe through the levee, 5.0 feet below the crown and along the waterward side to Levee Mile 2.41, for river crossing under the channel. (Permit No. 4914, A, B, C-Standard Oil Co.)					
FS Date: 03/07/2013					

Photo 1 of 3 : UCIP_FA_2015_4156.jpg



Markers visible on landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.78	Rating **	M	Issue No.	874 (cont)
LM End	1.78	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.567352 °	38.567352 °
				-121.516102 °	-121.516102 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41457					
DS_ID:21576					
EP_NO: 4914					
FS_HLM: 1.79					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need records confirming crossing is free of leaks.					
FIELD_STRUCT_DESC: 8-inch pipe through the levee, 5.0 feet below the crown and along the waterward side to Levee Mile 2.41, for river crossing under the channel. (Permit No. 4914, A, B, C-Standard Oil Co.)					
FS Date: 03/07/2013					

LM Start	1.78	Rating **	M	Issue No.	874 (cont)
LM End	1.78	Issue Type +	En	Location *	LS

Photo 2 of 3 : UCIP_FA_2015_4157.jpg



Contact information before excavation or in case of emergency.

Photo 3 of 3 : UCIP_FA_2015_4158.jpg



View of waterward side--markers visible through levee.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.94	Rating **	M	Issue No.	875
LM End	1.94	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.565113 °	38.565113 °
				-121.516291 °	-121.516291 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41292					
DS_ID:24913					
EP_NO: N/A					
FS_HLM: 1.97					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

No Photos

LM Start	1.95	Rating **	M	Issue No.	7
LM End	2.34	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.564900 °	38.559460 °
				-121.516253 °	-121.515085 °
DWR ID	DWR_NA0005_01_f_2015_7				
Action/Comments					
Equipment					
Inspector Comments: Railroad tracks run on crown of levee, paved roadway runs along toe on waterside. This is Miller Park Marina area.					

Photo 1 of 2 : FA_2015_NA0005_251_7_20150914_00002.jpg



The railroad cars remain on the levee crown. Spring 2013

Photo 2 of 2 : FA_2015_NA0005_251_7_20150914_00003.jpg



Railroad tracks are on levee crown. The street is to the boat ramp.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.96	Rating **	M	Issue No.	876
LM End	1.96	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564843 °	38.564843 °
				-121.516246 °	-121.516246 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41430					
DS_ID:21613					
EP_NO: 7434					
FS_HLM: 1.962					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

LM Start	1.96	Rating **	M	Issue No.	876 (cont)
LM End	1.96	Issue Type +	En	Location *	CR

Photo 1 of 3 : UCIP_FA_2015_5949.jpg



Service vault visible on levee crown.

Photo 2 of 3 : UCIP_FA_2015_5950.jpg



Sump pump station 3.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.96	Rating **	M	Issue No.	876 (cont)
LM End	1.96	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564843 °	38.564843
				-121.516246 °	-121.516246
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41430					
DS_ID:21613					
EP_NO: 7434					
FS_HLM: 1.962					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 3 of 3 : UCIP_FA_2015_5951.jpg



Manhole present on roadway.

LM Start	1.97	Rating **	M	Issue No.	877
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564761 °	38.564761 °
				-121.516133 °	-121.516133 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41291					
DS_ID:24917					
EP_NO: N/A					
FS_HLM: 1.971					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine additional details--					
permit, alignment, depth, and last inspection.					
FIELD_STRUCT_DESC: Gas line through levee					
FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5952.jpg



Marker of gas line visible on levee crown next to railroad tracks.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	1.97	Rating **	M	Issue No.	878
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564642 °	38.564642 °
				-121.516441 °	-121.516441 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38742					
DS_ID:24920					
EP_NO: N/A					
FS_HLM: 1.98					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: sump pump station					
FS Date: 03/06/2013					

No Photos

LM Start	1.97	Rating **	M	Issue No.	879
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564846 °	38.564846 °
				-121.515857 °	-121.515857 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38740					
DS_ID:24914					
EP_NO: N/A					
FS_HLM: 1.975					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments:					
FIELD_STRUCT_DESC: SMUD line					
FS Date: 03/06/2013					

No Photos

LM Start	1.97	Rating **	M	Issue No.	880
LM End	1.97	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.564774 °	38.564774 °
				-121.515938 °	-121.515938 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38741					
DS_ID:24918					
EP_NO: N/A					
FS_HLM: 1.977					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: unable to determine if crossing goes through levee.					
FIELD_STRUCT_DESC: storm drain manhole					
FS Date: 03/06/2013					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.04	Rating **	C	Issue No.	145
LM End	2.04	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.563720 °	-121.515890 °
				38.563720 °	-121.515890 °
DWR ID	DWR_NA0005_01_s _ 2012_145				
Action/Comments					
Pipe Inspector Comments: City of Sac has cut the pipe at the shoulder that leads down to the levee.					

No Photos

LM Start	2.04	Rating **	M	Issue No.	881
LM End	2.04	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563702 °	38.563702 °
				-121.515876 °	-121.515876 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41293 DS_ID:24921 EP_NO: N/A FS_HLM: 2.045 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 1 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 03/06/2013					

Photo 1 of 2 : UCIP_FA_2015_5953.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.04	Rating **	M	Issue No.	881 (cont)	
LM End	2.04	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.563702 °	38.563702 °	
				-121.515876 °	-121.515876 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41293 DS_ID:24921 EP_NO: N/A FS_HLM: 2.045 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 1 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 03/06/2013						

Photo 2 of 2 : UCIP_FA_2015_5954.jpg



PVC pipe through levee.

LM Start	2.05	Rating **	M	Issue No.	882
LM End	2.05	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563562 °	38.563562 °
				-121.515867 °	-121.515867 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41294 DS_ID:24922 EP_NO: N/A FS_HLM: 2.055 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 2 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 03/06/2013					

Photo 1 of 2 : UCIP_FA_2015_5955.jpg



View of landward side.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.05	Rating **	M	Issue No.	882 (cont)	
LM End	2.05	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.563562 °	38.563562 °	
				-121.515867 °	-121.515867 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41294						
DS_ID:24922						
EP_NO: N/A						
FS_HLM: 2.055						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Need to contact owner to determine type of crossing						
and status. Need to find out the alignment of crossing.						
FIELD_STRUCT_DESC: 2 of 4. Crossing found through railroad/levee						
visible on landward side.						
FS Date: 03/06/2013						

Photo 2 of 2 : UCIP_FA_2015_5956.jpg



PVC pipe through levee.

LM Start	2.08	Rating **	M	Issue No.	883
LM End	2.08	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.563196 °	38.563196 °
				-121.515833 °	-121.515833 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41295 DS_ID:24923 EP_NO: N/A FS_HLM: 2.08 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 3 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 03/06/2013					

Photo 1 of 2 : UCIP_FA_2015_5957.jpg



Dense vegetation along landward slope.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.08	Rating **	M	Issue No.	883 (cont)	
LM End	2.08	Issue Type +	En	Location *	CR	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.563196 °	38.563196 °	
				-121.515833 °	-121.515833 °	
DWR ID						
Action/Comments						
Inspector Comments: FS_ID:41295 DS_ID:24923 EP_NO: N/A FS_HLM: 2.08 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 3 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 03/06/2013						

Photo 2 of 2 : UCIP_FA_2015_5958.jpg



View of landward side.

LM Start	2.12	Rating **	M	Issue No.	884
LM End	2.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562532 °	38.562532 °
				-121.515763 °	-121.515763 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38827 DS_ID:24924 EP_NO: N/A FS_HLM: 2.126 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to contact owner to determine type of crossing and status. Need to find out the alignment of crossing. FIELD_STRUCT_DESC: 4 of 4. Crossing found through railroad/levee visible on landward side. FS Date: 03/06/2013					

Photo 1 of 2 : UCIP_FA_2015_5959.jpg



Dense vegetation on landward side.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.12	Rating **	M	Issue No.	884 (cont)
LM End	2.12	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.562532 °	38.562532 °
				-121.515763 °	-121.515763 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:38827					
DS_ID:24924					
EP_NO: N/A					
FS_HLM: 2.126					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Need to contact owner to determine type of crossing					
and status. Need to find out the alignment of crossing.					
FIELD_STRUCT_DESC: 4 of 4. Crossing found through railroad/levee					
visible on landward side.					
FS Date: 03/06/2013					

Photo 2 of 2 : UCIP_FA_2015_5960.jpg



View of landward side.

LM Start	2.22	Rating **	C	Issue No.	77
LM End	2.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.561083 °	38.561083 °
				-121.515672 °	-121.515672 °
DWR ID	DWR_NA0005_01_f_2015_77				
Action/Comments					
No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.29	Rating **	M	Issue No.	885
LM End	2.29	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.560088 °	38.560088 °
				-121.515150 °	-121.515150 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41431					
DS_ID:24925					
EP_NO: N/A					
FS_HLM: 2.3					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP_FA_2015_6129.jpg



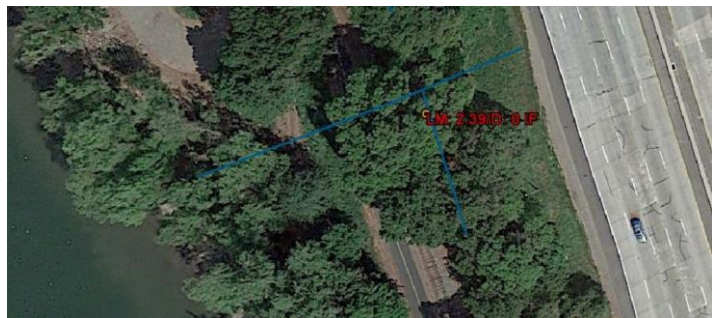
Approximate alignment through levee provided by the City of Sacramento GIS.

LM Start	2.35	Rating **	C	Issue No.	79
LM End	2.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.559231 °	38.559231 °
				-121.515185 °	-121.515185 °
DWR ID	DWR_NA0005_01_f_2015_79				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	2.39	Rating **	M	Issue No.	886
LM End	2.39	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558793 °	38.558793 °
				-121.514460 °	-121.514460 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41433 DS_ID:24926 EP_NO: N/A FS_HLM: 2.39 Repair Type: Non-Urgent Crossing Status: Indicator Found					

Photo 1 of 1 : UCIP_FA_2015_6130.jpg



Approximate alignment for crossing provided by City of Sacramento GIS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.43	Rating **	M	Issue No.	78
LM End	2.43	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.558281 °	38.558281 °
				-121.514393 °	-121.514393 °
DWR ID	DWR_NA0005_01_f _ 2015_78				
Action/Comments					
Exterminate rodents and backfill and compact or grout burrows.					

No Photos

LM Start	2.43	Rating **	M	Issue No.	887
LM End	2.43	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.558224 °	38.558224 °
				-121.514365 °	-121.514365 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:41296 DS_ID:24927 EP_NO: N/A FS_HLM: 2.43 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need to coordinate with owner to determine status of crossing--unable to locate in field. FIELD_STRUCT_DESC: 18 inch storm drain at unknown depth. Crossing information was obtained from Sacramento County GIS records. FS Date: 03/06/2013					

Photo 1 of 1 : UCIP_FA_2015_5961.jpg



Approximate alignment of crossing provided by the City of Sacramento.

LM Start	2.45	Rating **	A/W	Issue No.	8
LM End	2.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557937 °	38.557937 °
				-121.514237 °	-121.514237 °
DWR ID	DWR_NA0005_01_s_2012_8				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.46	Rating **	A/W	Issue No.	21
LM End	2.75	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.557828 °	38.553710 °
				-121.514193 °	-121.512863 °
DWR ID	DWR_NA0005_01_s_2012_21				
Action/Comments					
Environmental Requirements.					

Photo 1 of 2 : FA_2015_NA0005_251_21_20150921_00032.jpg



View of the revegetation site on the waterward side looking downstream.
Fall 2015.

LM Start	2.46	Rating **	A/W	Issue No.	21 (cont)
LM End	2.75	Issue Type +	Ob	Location *	WS

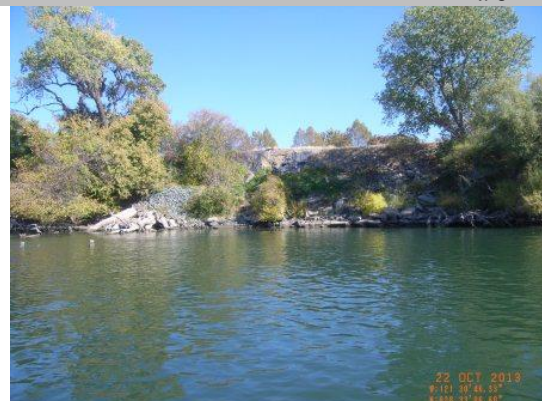
Photo 2 of 2 : FA_2015_NA0005_251_21_20150921_00031.jpg



This area is a revegetation site. Fall 2015.

LM Start	2.85	Rating **	M	Issue No.	2
LM End	2.90	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.552268 °	38.551578 °
				-121.512590 °	-121.512336 °
DWR ID					
Action/Comments					
Inspector Comments: 1997 - Erosion at pump station, concrete debris and plastic showing. 2000 - Separation scour of bank due to poor transition. 2004 - New large tree pop out; city dumped fill dirt/rock into hole. 2006 - Minor new erosion at top of bank. 2010 - Some new rock placed in tree pop-out. 2011 - A large tree has fallen and flood fighting was performed by the city on the upper levee slope. 2012 - Small rock					

Photo 1 of 1 : USACE2013A_SAC_56-6_L_2.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.89	Rating **	M	Issue No.	10
LM End	2.89	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.551810 °	38.551810 °
				-121.511838 °	-121.511838 °
DWR ID	DWR_NA0005_01_s _ 2012_10				
Action/Comments					
Building					

Photo 1 of 1 : FA_2015_NA0005_251_10_20150914_00005.jpg



City of Sacramento pump station on the waterside of the crown of the levee.

LM Start	2.89	Rating **	M	Issue No.	888
LM End	2.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID					
Action/Comments					
Inspector Comments: FS_ID:45133 DS_ID:21578 EP_NO: 2043 FS_HLM: 2.9021 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23. FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955). FS Date: 03/07/2013					

Photo 1 of 3 : UCIP_FA_2015_4159.jpg



Close up view of vault located on landward levee shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	2.89	Rating **	M	Issue No.	888 (cont)
LM End	2.89	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.551797 °	38.551797 °
				-121.511859 °	-121.511859 °
DWR ID					

Action/Comments

Inspector Comments: FS_ID:45133
 DS_ID:21578
 EP_NO: 2043
 FS_HLM: 2.9021
 Repair Type: Non-Urgent
 Crossing Status: Found
 UCIP Comments: This crossing has been abandoned. According to City of Sacramento Staff the last time this crossing was fired up to see if it was functioning was 3 years ago. Recommend owner coordinating with Central Valley Flood Protection Board (CVFPB) to abandon facility per Title 23.
 FIELD_STRUCT_DESC: Ranney collector on waterward slope. Ranney collector with 24 inch discharge pipe through levee. (Permit No. 2043, City of Sacramento-1955).
 FS Date: 03/07/2013

LM Start	2.89	Rating **	M	Issue No.	888 (cont)
LM End	2.89	Issue Type +	En	Location *	CR

Photo 2 of 3 : UCIP_FA_2015_4160.jpg



Ranney collector facility operated by the City of Sacramento.

Photo 3 of 3 : UCIP_FA_2015_4161.jpg



Concrete vault located on landward shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2015

City of Sacramento

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	3.67	09/15/2015 09/15/2015	Jai Lor

LM Start	3.29	Rating **	M	Issue No.	9
LM End	3.29	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.546302 °	38.546302 °
				-121.510197 °	-121.510197 °
DWR ID	DWR_NA0005_01_f _ 2013_9				
Action/Comments					
Equipment					
Inspector Comments: There are four cars on the levee crown.					

Photo 1 of 1 : FA_2015_NA0005_251_9_20150914_00004.jpg



Trains cars are stored on the crown of the levee. Fall 2013

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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